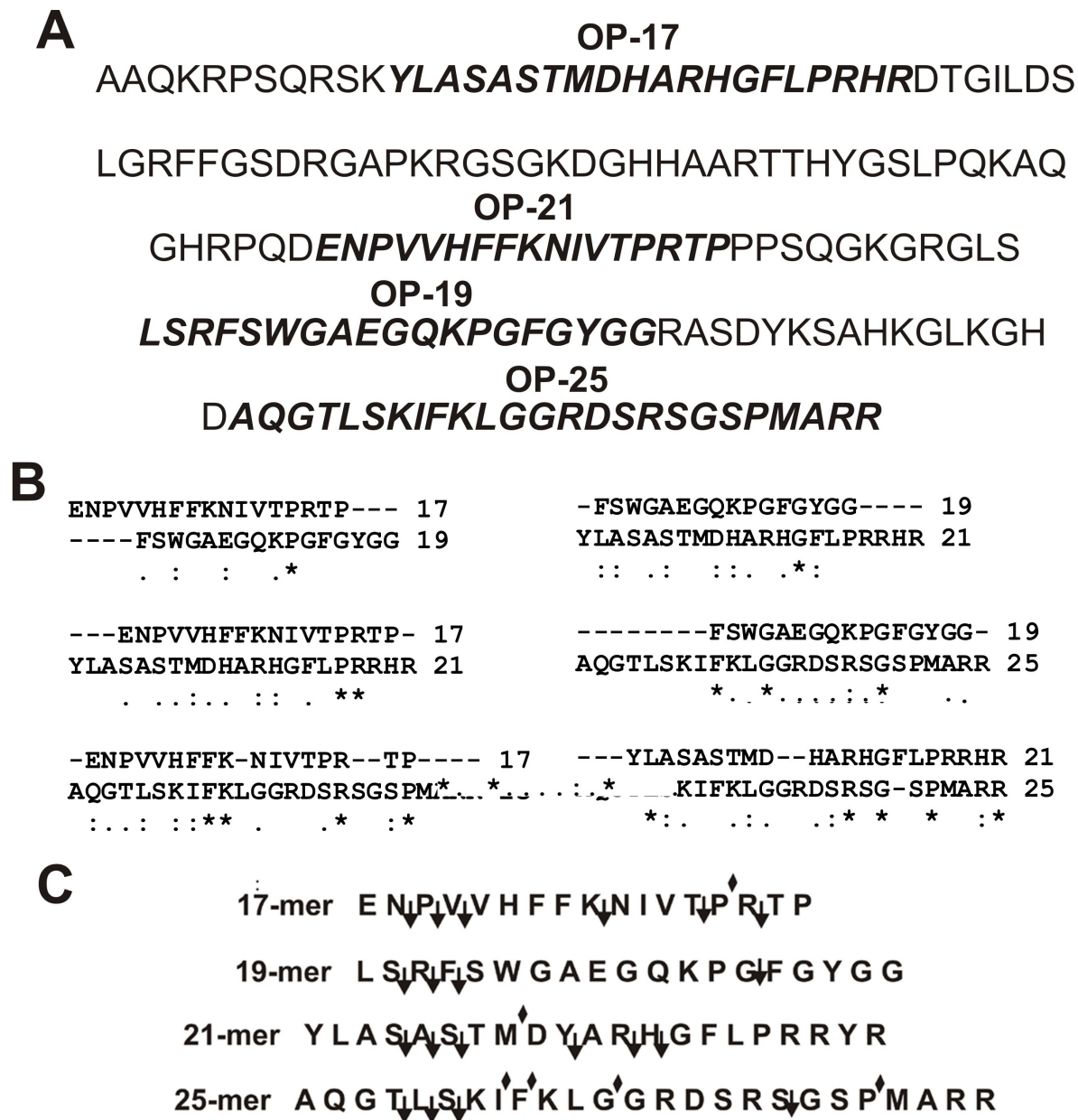




Supplementary Fig. 2. Position of four different sequences corresponding to four OPs in a complete protein sequence of MBP (A). Data of homology analysis between the sequences of OP-17, OP-19, OP-21 and OP-25 is shown (B). The amino acids identical between two pairs of OPs are marked with an asterisk (*), while non-identical amino acids with highly conserved physicochemical properties are marked with a colon (:), and those with moderately conserved properties. with a dot (•).